

EXHIBIT 11-D PRELIMINARY HYDROLOGIC/HYDRAULIC REVIEW SUMMARY**PRELIMINARY HYDROLOGIC/HYDRAULIC REVIEW SUMMARY**

Bridge Name (facility crossed) _____

State Bridge No. _____ Road Name _____

Hydrologic and Hydraulic Data

1. Size of drainage basin _____
2. Design flows and water surface elevations (USGS)
 - a. Q_{10} _____ elevation _____ (culverts only)
 - b. Q_{50} _____ elevation _____
 - c. Q_{100} _____ elevation _____
3. High water marks _____ (Elevation/Year)
4. Structure opening size _____ Date Constructed _____
 - a. Existing _____
 - b. Upstream _____
 - c. Downstream _____
5. Description of property risks _____
6. Summary of upstream development _____
7. Importance of structure _____
8. Description of risks to life _____
9. Effects of facility on stream environment _____
10. Are there any channel restrictions or controlled flow? _____
11. Has this basin been studied before? _____ Date of study? _____ Is the Study recognized by Caltrans? _____
12. Is there a potential debris problem? (describe) _____
13. Are there any mining operations within 3000 feet upstream and/downstream? _____

Remarks: _____

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